



Espacenet

## Bibliographic data: JP 6209996 (A)

### INJECTOR WITH ISOLATION STRUCTURE

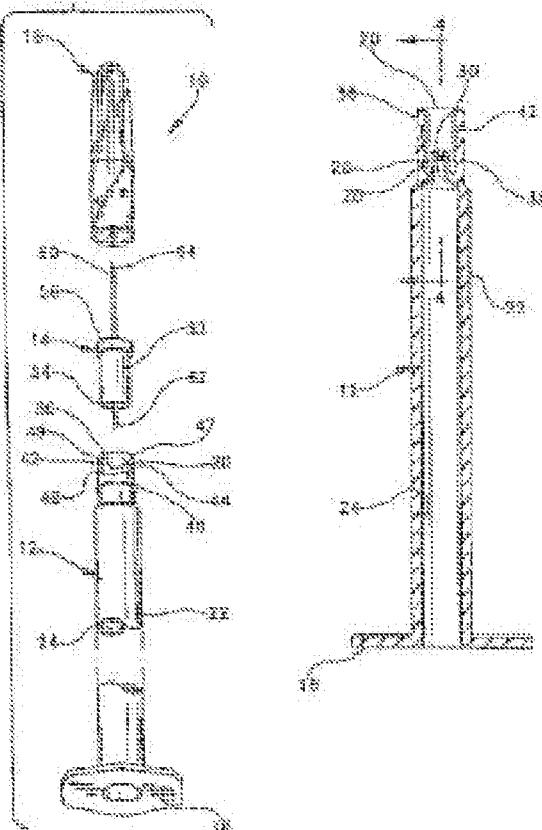
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**Inventor(s):** RARUFU FUAU BITSUDEINGERU +  
**Applicant(s):** BECTON DICKINSON CO +  
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### Abstract of JP 6209996 (A)

**PURPOSE:** To obtain a subcutaneous injector which can connect a needle cannula to liquid in an injector cylinder and which can also separate a needle shield from the injector cylinder by a single efficient operation of an operating assembly having multiple cooperating cum means. **CONSTITUTION:** A subcutaneous injector 10 is equipped with an injector cylinder 12 to which a barrier 30 is mounted in a passage 28. The passage is connected to an accommodating chamber 24 for liquid between a base end 18 and a tip end 26. Furthermore, at the tip end of the injector cylinder 12, there is mounted a movable needle cannula 60 for piercing through the barrier 30. In this case, an operating assembly having multiple cooperating cum means which contain at least a cum hole 42 is arranged; The assembly moves the needle shield 16 and separates from the injector cylinder 12 after the needle shield 16 and the needle cannula 60 are moved for a distance enough to pierce through the barrier 30 while the needle shield 16 is rotated against the injector cylinder 12.



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